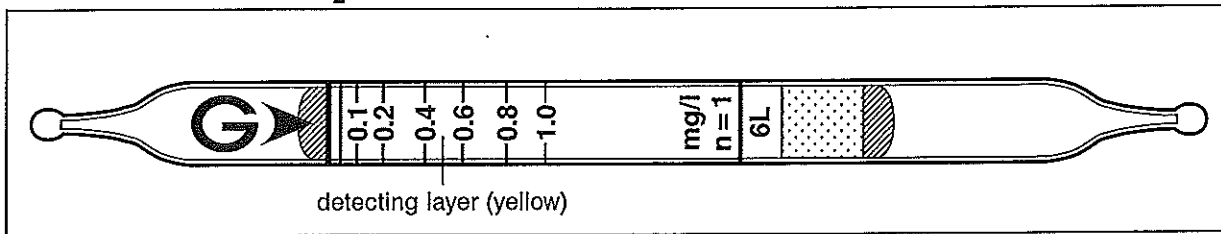


Water Vapour H₂O

No.6L

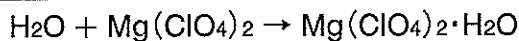


Performance

Measuring range	(0.05) to 1 mg/l	1 to 2 mg/l
Number of pump strokes	1 (100 ml)	1/2 (50 ml)
Correction factor	1	2
Sampling time	30 sec	15 sec

Detecting limit : 0.03 mg/l (1 pump stroke)
 Colour change : Yellow → Purple
 Corrections for temperature & humidity : Unnecessary
 Relative standard deviation : 10% (for 0.05 to 0.2 mg/l) , 5% (for 0.2 to 1 mg/l)
 Shelf life : 3 years

Reaction principle



Possible coexisting substances and their interferences (NOTE : Page 2-5)

Substance	Concentration	Interference	Changes colour by itself to	
Alcohols	≥ 10 ppm	Unclear demarcation	Purple (whole layer)	
Aldehydes				Yellowish green
Ammonia				
Ketones			No	
Nitriles				No
Hydrocarbons	No			
Nitrogen dioxide		No		
Sulphur dioxide	≥ 100 ppm		+	No

Calibration gas generation

Diffusion tube method